



TRANSLATION OF NOTICE OF REASONS FOR REFUSAL

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Examiner: SAITOU Tetsu 4232 5Q00

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Provision Applied: Section 29(2)

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Technology Center 2600

This application should be refused for the reasons as described below. If the applicant has any argument against this decision, a written argument should be filed to the Patent Office within 60 days from the mailing date of this notice.

Reasons for Refusal

The invention described in below-indicated claims of the application could easily have been made, prior to the filing of the patent application, by a person with ordinary skill in the art to which the invention pertains, on the basis of an invention or inventions described in a publication as indicated below distributed in Japan or

elsewhere prior to the filing of the patent application. Therefore, the present invention should not be granted a patent under the provision of Patent Law Section 29(2).

Note (See List of References Cited for the references cited herein)

- Claims 1, 3 and 5
- References cited: 1 and 2
- Remarks

Cited reference 1 describes an optical disk, optical reproduction device, and optical recording device in which each of the segments includes a clock field, as described in the conventional example of the present invention. Cited reference 1 differs from the invention of Claims 1, 3, and 5 in that a synchronization pattern is recorded in a data field of the segments. But, a technique to further improve an error correction rate by adding a re-synchronization signal with which bit displacement in reproducing the segments is corrected is known to a person skilled in the art, as described in paragraph [0019] and Figure 1 of cited reference 2, for example. The Specification describes the effect of merely combining the known technique with the technique of cited reference 1. Therefore, the above-mentioned difference is not regarded as significant.

- Claim 2
- References cited: 1-3
- Remarks

Cited reference 3 discloses a technique in which information corresponding to a phase-introducing header pattern for data reproduction is recorded in an ID section of a sector, i.e., the first two segments of a sector. Therefore, no significant point is found in the arrangement of Claim 2.

- Claim 4
- References cited: 1-4
- Remarks

As disclosed in paragraph [0016] of cited reference 4, it is a well-known technique to detect a re-sync signal at or in the vicinity of a point where the re-sync signal is expected to be detected. Therefore, no significant point is found in the arrangement of claim 4.

It will be noticed if a further reason for refusal is found.

List of References Cited

1. *Tokukaihei* 11-016216
2. *Tokukaihei* 10-334607

3. *Tokukaihei* 07-093905

4. *Tokukaihei* 09-212937

Search Report for Prior Art Documents

· Field of Search Int. Cl.⁷ G11B 20/10

· Prior Art Document *Tokukaihei* 06-150329

This Search Report for Prior Art Documents does not
constitute grounds for refusal.